

March 26, 2015

Renne Vance, Chief Clerk
North Carolina Utilities Commission
4325 Mail Services Center
Raleigh NC 27699-4325

Dear Renne Vance:

This is the Report for the Proposed Construction of a Renewable Energy Generating Facility for a 6.12

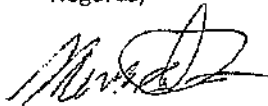
kW (DC STC) to be installed for the applicant, Mark Mautner, by Michael Griffin Electric License 17040-L & JR Stinson, at 1197 Point Lookout Rd. Wilkesboro NC 28697. This paperwork is being submitted by Eddie Jones for Mark Mautner.

This report is for a nonutility-owned generating facility fueled by renewable energy resources under two megawatts in capacity and as such, is exempt from certification under G.S. 62-110.1 (g).

This report of proposed construction includes the information prescribed in subsection (b)(1) of Rule-64 and is signed and verified by the owner of the electric generating facility or by an individual duly authorized to act on behalf of the owner for the purpose of the filing.

A copy of this report has also been provided to Duke Energy.

Regards,



Mark Mautner

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Sub O

North Carolina Utilities Commission

Report of Proposed Construction (RPC)

[Building an electric generating facility in North Carolina with an alternating current capacity of less than 2 MW or an electric generating facility primarily for your own use per Commission Rule R8-65 and R8-64(b)(1) through (5)]

You may file this report electronically; please see www.ncuc.net for instructions. If you file a paper version, you must file the original plus 6 copies. The mailing address is:

Chief Clerk
NC Utilities Commission
4325 Mail Service Center
Raleigh, NC 27699-4325

Exhibits required by Rule R8-64(b)		Applicant's Response
(1)(i)	Full and correct name of the owner of the facility	Mark Martner
	Facility name	
	Business address	1197 Pant Lookout Rd
	E-mail address	riverdaster@yahoo.com
	Telephone number	954-309-7684
(ii)	The owner is (check one)	<input checked="" type="checkbox"/> Individual <input type="checkbox"/> Partnership <input type="checkbox"/> Corporation
	If a partnership, the name and business address of each general partner	
	If a corporation, the state and date of incorporation	
	If a partnership, the name and address of each general partner (add additional sheets if necessary)	
	Owner's agent for purposes of this report, if applicable:	Eddie Jones
	Agent's business address	979 Roope Ridge Rd Hay5 NC 28635
	Agent's e-mail address	edcations@wilkes.net
	Agent's telephone number	336-341-6179
(iii)	The full and correct name of the site owner and, if the site owner is other than the applicant, the applicant's legal interest in the site	Mark Martner

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(2)(i)	Attach a color map or aerial photo showing the location of the generating facility site in relation to local highways, streets, rivers, streams, and other generally known local landmarks with the proposed location of major equipment indicated on the map or photo, including: the generator, fuel handling equipment, plant distribution system, startup equipment, the site boundary, planned and existing pipelines, planned and existing roads, planned and existing water supplies, and planned and existing electric facilities; A U.S. Geological Survey map or an aerial photo map prepared via the State's geographic information system (found at www.gis.ncdcr.gov/hpweb/) is preferred.	
(ii)	E911 street address of the proposed facility	1197 Point Lookout Rd Wilkesboro NC 28697
	County in which the proposed facility will be physically located	Wilkes County
	GPS coordinates of the approximate center of the proposed facility site to the nearest second or one thousandth of a degree	Hwy 268W TIR Jim Caudill Rd, T/L Higgins Lane, Follow Higgins Lane to Point Lookout Drive @ End of Road Exhibit-1
(3)(i)	The nature of the facility, including its technology, and the source of its power and fuel(s)	The generation facility is a 6.12 kW (DC STC) photovoltaic array. The source of its power is solar energy.
(ii)	A description of the buildings, structures and equipment comprising the generating facility and the manner of its operation	Mike Griffin Electric and J.R. Stinson will install a grid-tied Solar photovoltaic system as a roof mounted array. The major components of the system will include 24 Enphase micro 0.25 inverters and 24 Astroenergy (NCA) CHM1610P-255 modules. Exhibit 2
(iii)	The gross and net projected maximum dependable capacity of the facility in megawatts - Alternating Current	Since solar is an intermittent energy source, the maximum dependable capacity is 0 MW.
	The facility's nameplate capacity in megawatts - Alternating Current	N/A
(iv)	The projected date on which the facility will come on line	4-20-15
(v)	The applicant's general plan for sale of the electricity to be generated, including the name of utility to which the applicant plans to sell the electricity	The applicant plans to off-set their usage under Rider NM (net metering). The projected annual sales are 810 kWh.
(vi)	Any provisions for wheeling of the electricity, if applicable	N/A

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(vii)	Arrangements for firm, non-firm, or emergency generation, if applicable	N/A
(viii)	The service life of the project	The projected lifetime of the equipment is 25 yrs.
(ix)	The projected annual sales in kilowatt-hours	N/A
(x)	Whether the applicant intends to produce renewable energy certificates that are eligible for compliance with the State's renewable energy and energy efficiency portfolio standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
(4)(i)	A complete list of all federal and state licenses, permits and exemptions required for construction and operation of the generating facility and a statement of whether each has been obtained or applied for	The applicant is exempt from the Federal Energy Regulatory Commission Form 536 Certification of Qualifying Facility (QF) Status for a Small Power Production or Cogeneration Facility. Obtained electrical permit from Wilkes County Inspections Exhibit 3
(ii)	Attach a copy of those licenses, permits and exemptions that have been obtained; a copy of those that have not been obtained at the time of the report should be filed with the Commission as soon as they are obtained	
(5)	The expected cost of the proposed facility	\$ 29,900 ⁰⁰
<p>Confidentiality If an applicant considers certain of the required information above to be confidential and entitled to protection from public disclosure, it may designate said information as confidential and file it under seal. Documents marked as confidential will be treated pursuant to applicable Commission rules, procedures, and orders dealing with filings made under seal and with nondisclosure agreements.</p>		
<p>All reports shall be signed and verified (notarized) by the applicant or by an individual duly authorized to act on behalf of the applicant for the purpose of the report. A blank verification page is attached below:</p>		

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VERIFICATION

STATE OF North Carolina COUNTY OF Wilkes

Eddie Jones
Signature of Owner's Representative or Agent

Owner's agent
Title of Representative or Agent

Eddie Jones
Typed or Printed Name of Representative or Agent

The above named person personally appeared before me this day and, being first duly sworn, says that the facts stated in the foregoing report and any exhibits, documents, and statements thereto attached are true as he or she believes.

WITNESS my hand and notarial seal, this 6th day of April, 20 15.

My Commission Expires: 9-4-2019

Cathy Jones
Signature of Notary Public

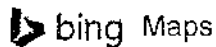
Cathy Jones
Name of Notary Public – Typed or Printed

This original verification must be affixed to the original report, and a copy of this verification must be affixed to each of the copies that are also submitted to the Commission.

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Exhibit 1

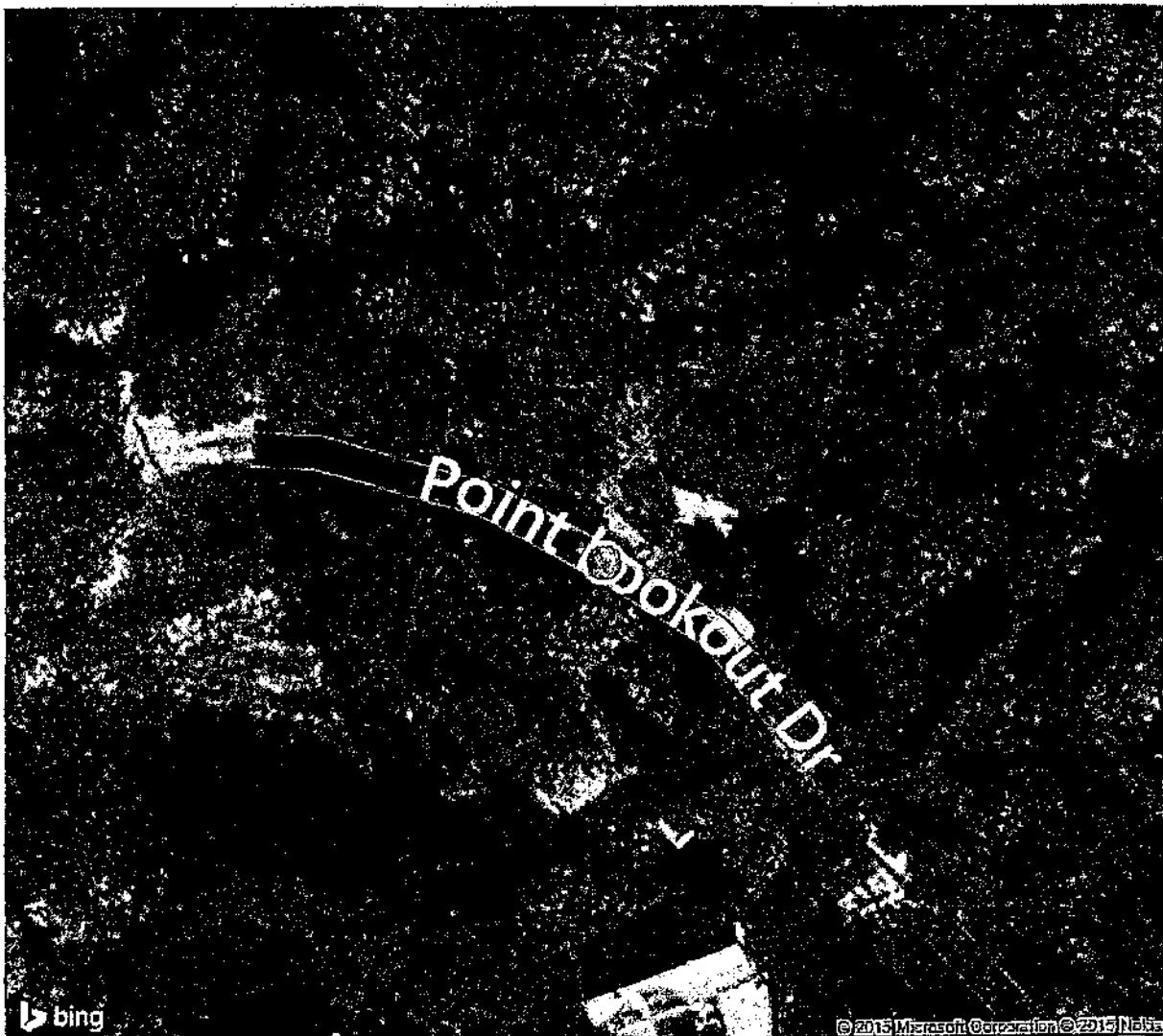
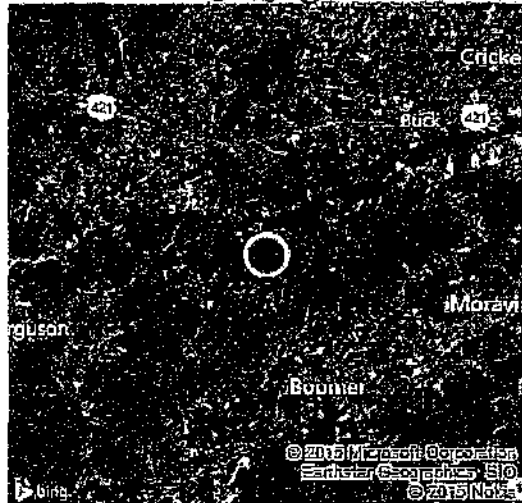
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Point Lookout Dr, Wilkesboro, NC 28697

1197 POINT LOOKOUT DR
WILKESBORO NC 28697

On the go? Use m.bing.com to find maps, directions, businesses, and more



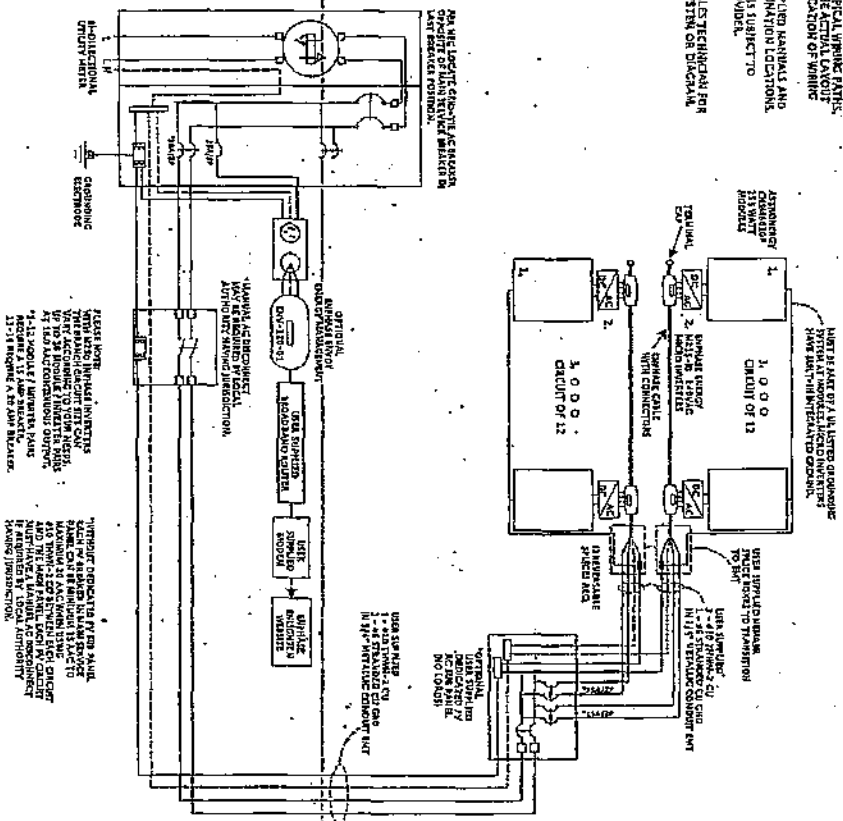
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Sub D

PLEASE REFER TO THE SUPPLIED MANUALS AND LABELS FOR ACTUAL TERMINATION LOCATIONS.

**PLEASE CONTACT YOUR SALES TECHNICIAN FOR
QUESTIONS ABOUT THIS SYSTEM OR DIAGRAM.**

WHOLESALE \$649
1-800-472-1142



**Gridtie Wiring Diagram
with Enphase Inverters for
6.12 kW System 1890315**

3. **LEARNER BY MODIFIER:**
 1. MC4 CHS66.10-255
 PMAK 255 WATS
 WAPP 30.68 VDC
 WPP 30.48 VDC
 WPP 8.93 ACP
 IDC 6.89 ACP
2. **INACRO INVENTORIES**
 DISPLACES ENERGY
 115-40-111-312-1C
 5 PLAYS 255 WATS
 AC OUTPUT
 240 VAC / 60 HZ
 PMAK 225 WATS
3. **W/ INACRO INVENTAR**
 REPAIRS CIRCUITS
 CONTINUOUS OUTPUT
 215 WATS @ 240 VAC
 12 INVERTERS
 1075 WATS AC CONT.
 1275 WAT CONT.

ALL WRITING MUST COMPLY WITH NEC GUIDELINES AND LOCAL AUTHORITY HAVING JURISDICTION.

PREPARED BY: LEE
CHECKED BY: JOSH
12.24.2014 REV 1

Exhibit 3

BUILDING PERMIT IDENTIFICATION # M22270

Date : 01/29/2015

Name : MAUTNER, MARK
197 POINT LOOKOUT DRIVE
WILKESBORO, NC 28697

Wilkes County Inspections Dept.
110 North Street
Wilkesboro, NC 28697
Phone: 336-651-7303

Telephone : 954-309-7684

Improvement : Misc. - Electrical

HD Number :

Misc. Info :

Permit No. :

Zoning Permit :

ALL WORK MUST BE DONE BY THE OWNER/OCCUPANT OR BY A LICENSED CONTRACTOR.

Electrical : GRIFFIN, MIKE

Permit to occupy _____ story

Plumbing :

Proposed Use : _____

Mechanical :

Inspector : _____

Setup :

Building : STINSON, J R

MH Park :

MH Lot Number :

MH Year/Size : /

Power Company : DUKE

Directions : INSTALL 6 KW SOLAR PV SYSTEM ON BACK SIDE OF THE GARAGE ROOF
268W T/R JIM CAUDILL RD T/L HIGGINS LANE FOLLOW HIGGINS LANE
TO POINT LOOKOUT DRIVE @ END OF ROAD

Inspector : KW

Approved : X

Rejected :

Date : 03/20/15

Comments :

Water Heat

___ Electric
___ Natural Gas
___ Propane
___ Solar
___ Kerosene
Other _____

Space Heat

___ Electric Heat Pump
___ Baseboard
___ Electric Furnace
___ Wood
___ Natural Gas Furnace
___ Propane Furnace

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___ Kerosene
___ Oil Furnace
Other _____

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Apr 07 2015